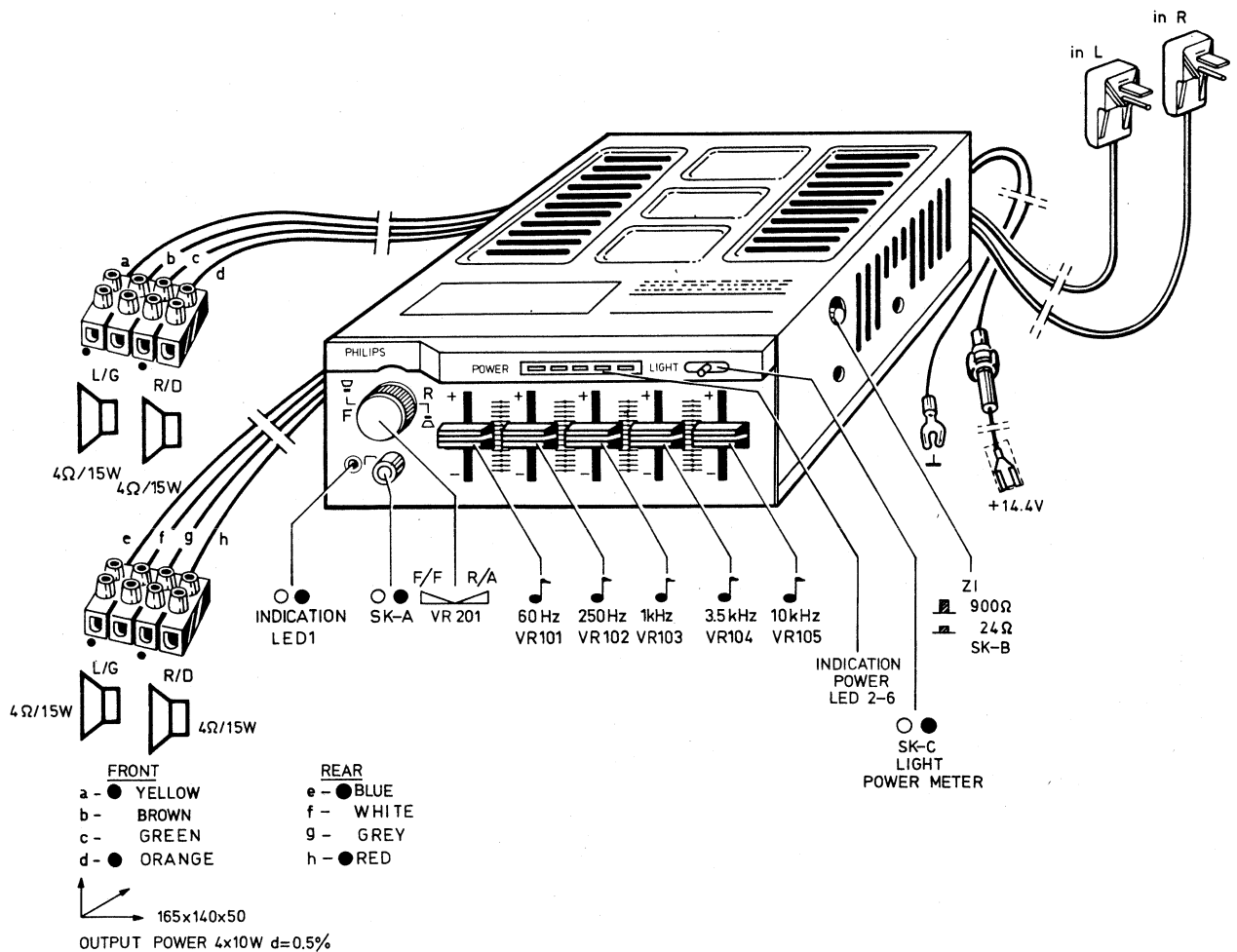
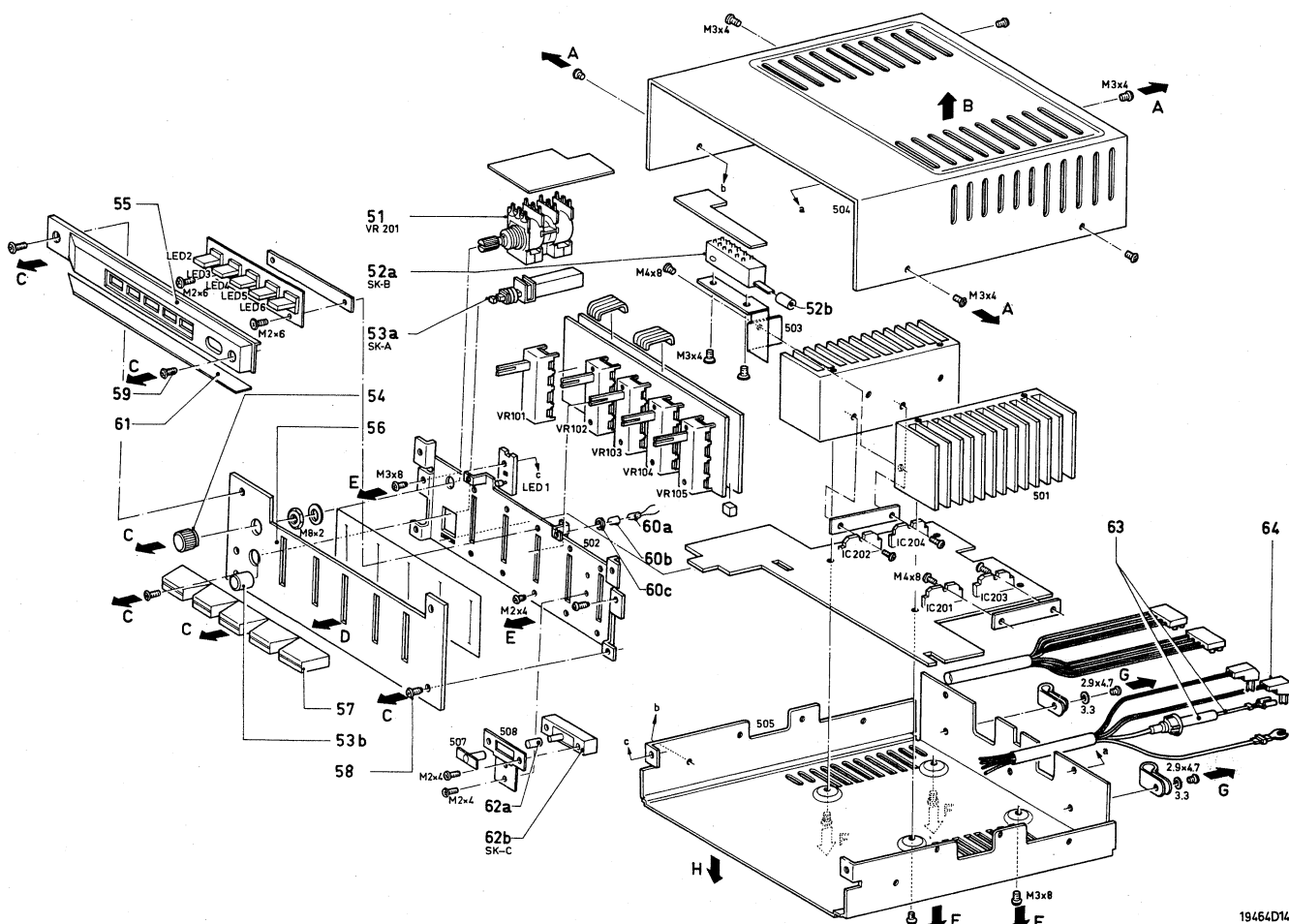


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Service Manual

12 V 

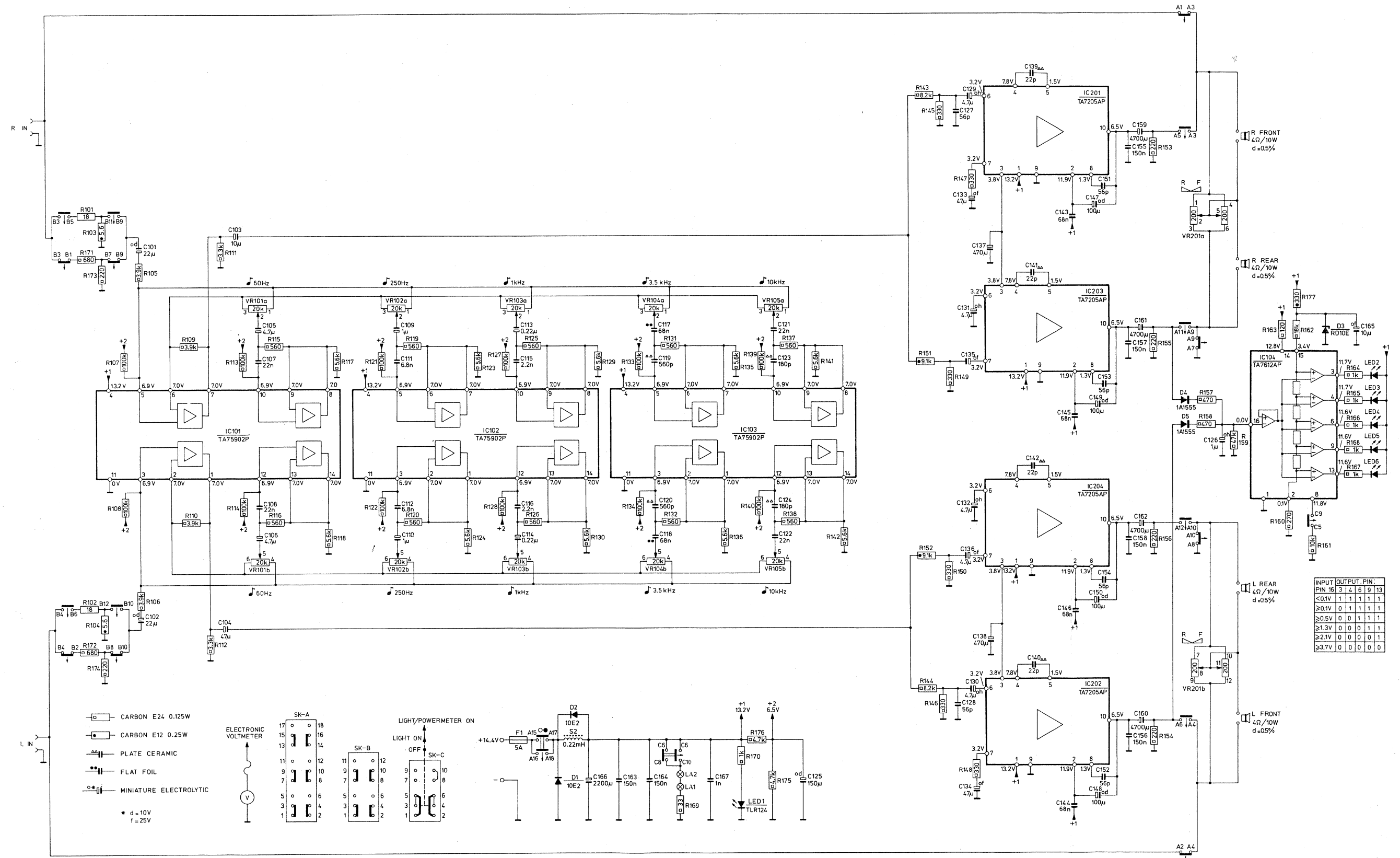




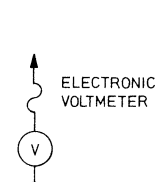
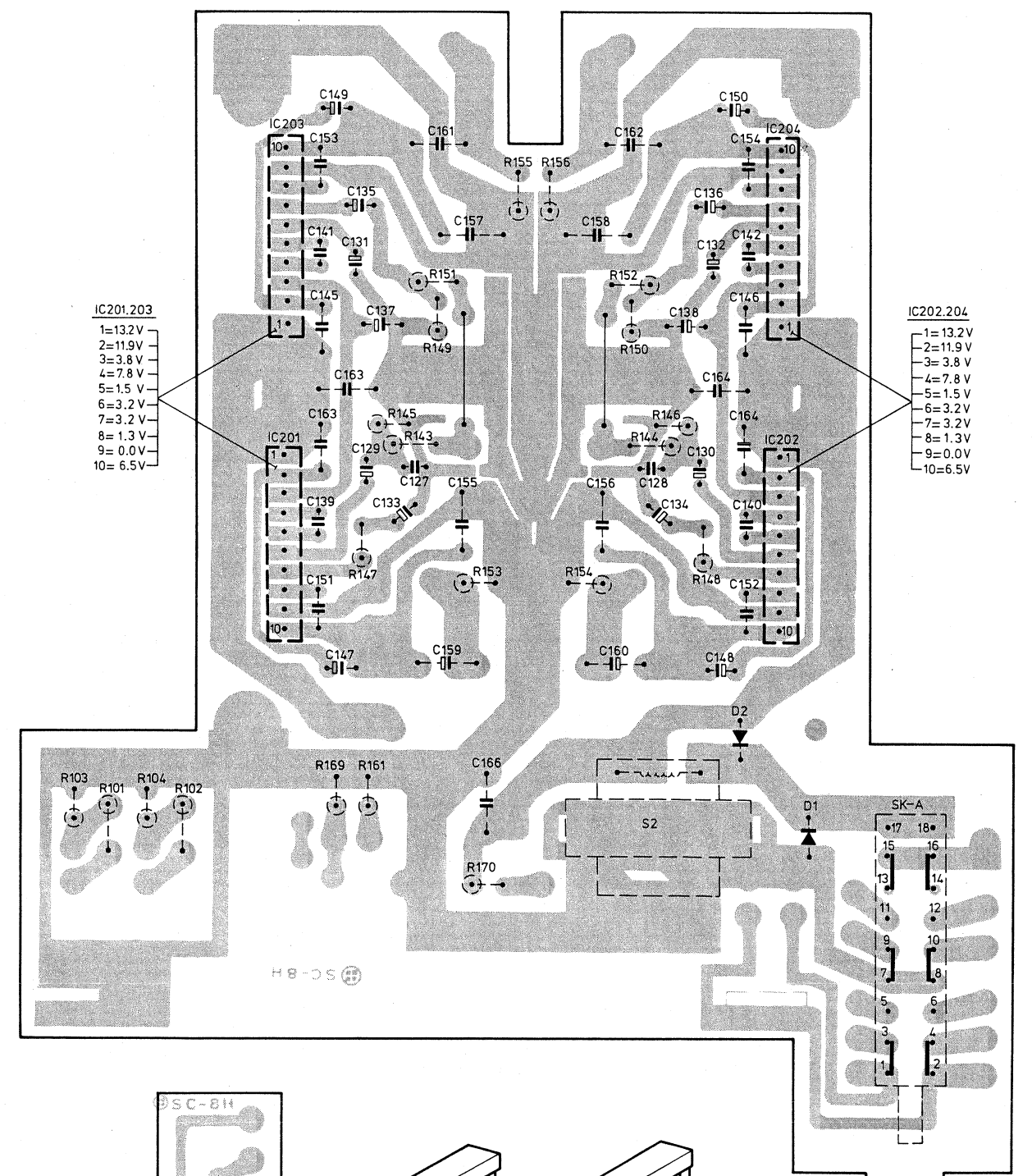
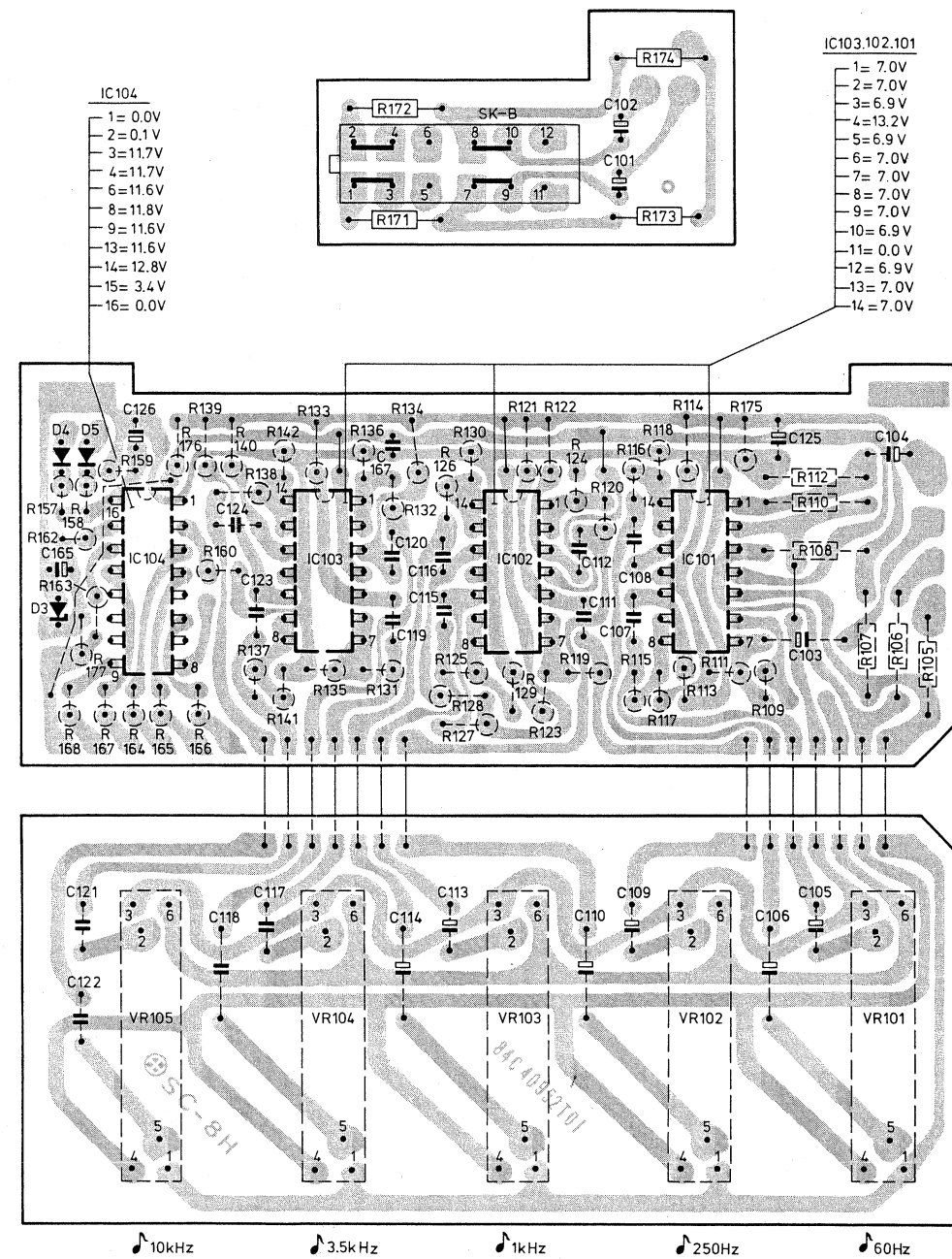
51	4822 102 50018	56	4822 459 80123	61	4822 459 80125
52a+b	4822 276 10782	57	4822 411 60697	62a+b	4822 277 30639
53a+b	4822 276 10783	58	4822 502 11139	63	4822 321 20334
54	4822 413 30871	59	4822 502 11078	64	4822 267 40235
55	4822 459 80124	60a÷c	4822 134 80085		

D1,2	10E2	4822 130 31087	103,104	Tantal 10 μ F/16 V	5322 124 14087
D3	Zener RD10E	4822 130 31084	105,106	Tantal 4,7 μ F/16 V	5322 124 14064
D4,5	SL1A1555	4822 130 31031	107,108	Myler 0,022 μ F	4822 121 40513
LED1	TLR124	4822 130 31274	109,110	Tantal 1 μ F/35 V	5322 124 14075
LED2-6	LN05202P	4822 130 31259	111,112	Myler 0,0068 μ F	4822 122 31264
			113,114	Tantal 0,22 μ F/16 V	4822 124 10194
IC101÷103	TA75902P	4822 209 80473	115,116	Myler 0,0022 μ F	4822 122 31263
IC104	TA7612AP	4822 209 80677	117,118	Myler 0,068 μ F	4822 121 41156
IC201÷204	TA7205P	4822 209 80678	121,122	Myler 0,022 μ F	4822 121 40513
			137,138	Elco 470 μ F/10 V	4822 124 40127
101,102	18 Ω /2 W	4822 116 51112	143÷146	Myler 0,068 μ F	4822 121 41156
VR101÷105	20 k Ω	4822 105 10354	155÷158	Myler 0,15 μ F	4822 121 41265
VR201	Fader	4822 102 50018	159÷162	Min. 4700 μ F/10 V	4822 124 40294
			163,164	Myler 0,15 μ F	4822 121 41265
			166	Min. 2200 μ F/16 V	4822 124 20866
			167	Myler 0,001 μ F	4822 121 41264
			-Miscellaneous-		
			F1	Fuse 5A	4822 253 20027
			S2	0,22 μ H	4822 157 50935

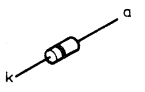
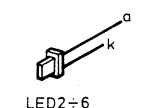
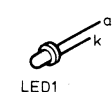
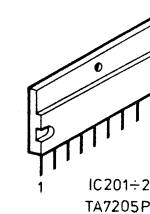
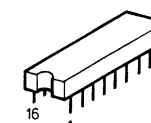
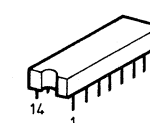
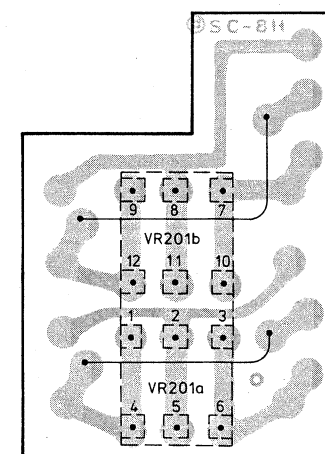
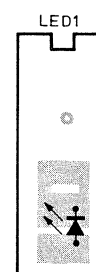
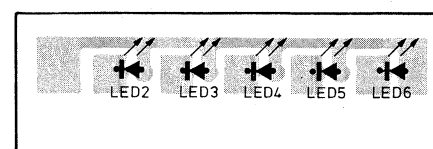
MISC	IC101				IC102	F1	D1.S2.D2		LA1.LA2		LED1.IC103		IC201-204				D4.D5		IC104	D3	LED2-6		
C	101.102		103-108		109-112		166	163	117-120.164	167	121-124	125					126			165			
R	171-174.101-104.105-108		109.110	VR101a.b 111-116	118.117	VR102a.b 119-122	VR103a.b 123-128		130.129	131-134	VR104a.t.169	170.VR105a.b 135-140.176.175	141	142	143-152	127-138	139-142.143-150	151-154	155-162	153-158	VR201a.b.c.d.159	160-163.177	164-168



MISC	D3, D4, D5, IC104, VR105	IC103, VR104, SK-B	IC102, VR103, LED2	IC101, VR102	VR101, LED1	VR201a, b	IC203, IC201	S2	D2, IC204, IC202	SK-A	MISC
C	165 126 124 123 120 119 116 115 112 111 108 107 102 101 125 104						153 141 145 143 139 149 163 135 131 137 129 133 127 161 155 157 158 162 138 136 132 164 150 154 142 146				C
R	157 159 162 177 163 168 176 160 137 142 131 136 172 171 125 130 121 124 174 173 113 120 175 108 112 105 107					103 101 104 102	151 147 159 166 156 160 128 134 130 148 164 140 152				R



VOLTAGES MEASURED WITHOUT SIGNAL



MISC	SK-A	D1, IC204, IC202, D2	S2	IC203, IC201	VR101, VR201a, b, LED2, VR102, IC101	LED1, VR103, IC102	VR104, IC103	SK-B, SK-C, VR105, IC104, D4	D5, D3	MISC
C		150, 154, 142, 146, 136, 132, 164, 138, 162, 158	157, 161	137, 135, 131, 163, 149, 153, 141, 145	104, 103, 125	108, 107, 112, 111	115, 116, 120, 119	123, 124	126, 165	C
R		144, 140, 152, 148, 130, 134, 128, 160, 156	166, 155, 159	127, 133, 129, 147, 143, 139, 151	105, 106	109, 110	113, 114, 167, 102, 101, 117, 118	121, 122		R
		148, 146, 144, 152, 150, 154, 156, 155, 153, 170	151, 149, 143, 145, 147, 161, 169	102, 104, 101, 103	105, 107, 108, 110, 112, 175, 111	113, 118	119, 124, 125, 130	131, 142, 174, 173, 176, 160, 163, 168, 157, 159, 162, 177, 171, 172		

